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REQUEST FOR CONTINUED EXAMINATION (RCE)

UNDER 37 C.F.R. § 1.114

Attorney Docket No.: FILLF1.001CP1

Date: March 6, 2002

Page 1

PATENT

#11
T. BELL
4.2.02

Application Number: 09/460,630 ✓
Filing Date: December 14, 1999
First Named Inventor: Bart Dierickx
Group Art Unit: 2815
Examiner Name: Eugene Lee

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) States Patent and Trademark Office, P.O. Box 2327, Box RCE,
) Arlington, VA 22202, on

March 6, 2002

(Date)

Stephen C. Jensen, Reg. No. 35,556

United States Patent and Trademark Office
P.O. Box 2327
Box RCE
Arlington, VA 22202

This is a Request for Continued Examination (RCE) under 37 C.F.R. § 1.114 of the above-identified application.

1. Submission Required under 37 C.F.R. § 1.114:

- (X) Enclosed:
(X) Amendment
(X) Return Postcard

03/14/2002 6TEFFERA 00000092 09460630 ✓
01 FC:179 740.00 DP

2. Fees:

- (X) RCE fee (\$370 small entity/\$740 large entity)

3. Payment:

- (X) Check in the amount of \$740 to cover the above fees.
(X) The Commissioner is hereby authorized to charge any additional fees under 37 C.F.R. § 1.16 and § 1.17 which may be required, now or in the future, or credit any overpayment to Deposit Account No. 11-1410.

Address all future communications to Customer No. 20,995.

Dated: March 6, 2002

Stephen C. Jensen
Registration No. 35,556
Attorney of Record

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#12/B
T. BELL.
4.2.02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Bart Dierickx

) Group Art Unit 2815

Appl. No. : 09/460,630

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) marked attachments are being deposited with
) the United States Postal Service as first-class
) mail in an envelope addressed to: Assistant
) Commissioner for Patents, Washington, D.C.
) 20231, on

Filed : December 14, 1999

For : BURIED, FULLY
DEPLETABLE, HIGH FILL
FACTOR PHOTODIODES

) March 6, 2002^{D.S.}
) (Date)
) Stephen C. Jensen
) Stephen C. Jensen, Reg. No. 35,556

Examiner : Eugene Lee

AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

In response to the Office Action mailed December 6, 2001, please amend the above-captioned patent application as follows:

IN THE CLAIMS

Please amend Claim 1 as follows:

1. (Twice Amended) An active or passive pixel structure comprising:
- a semiconductor substrate with dopants of a first conductivity type at a first concentration density, and with an insulating layer at its surface;
 - a collection region with dopants of a second conductivity type which is opposite the first conductivity type at a second concentration density, formed in the surface region of the semiconductor substrate;
 - a dual-purpose electrode formed on the insulating layer, extending over both the surface of at least part of the collection region and over at least part of the substrate, the dual-purpose electrode being intended to be driven by a first voltage that causes an electrostatic potential which collects in an area of the collection region beneath the dual-purpose electrode charges generated by electromagnetic radiation and by a second